

GATE - 2021

Post GATE Guidance



Kundan P. Kumar
Faculty | Mentor | Advisor
GATE | CAT | GRE | IITJEE
Engineering Mathematics

For any further guidance you can mail us

techie.kundan@gmail.com

or

whatsapp on 9737176762

Common Offer Acceptance Portal

COAP - 2021



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What is COAP ?

- COAP refers to Common Offer Acceptance Portal, on which all Participating Institutes / PSU's will upload their offers
- The registered candidates can access the admission / job offers by registering at COAP from all the participating institutes / PSU's where they have applied for M.Tech admissions / jobs
- For admission into M.Tech program in any of the participating institutes or applying for a job in any participating PSU, every candidate should also apply to the corresponding Institute/ PSU



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Who Can Register For COAP-2021?

- Candidate must be an Indian National
- Only those candidates who have qualified in GATE 2021 / 2020 / 2019 and wish to apply for ME/M.Tech/PhD/JRF admission in any of the participating institutes / PSUs job offers are eligible to register at COAP 2021.



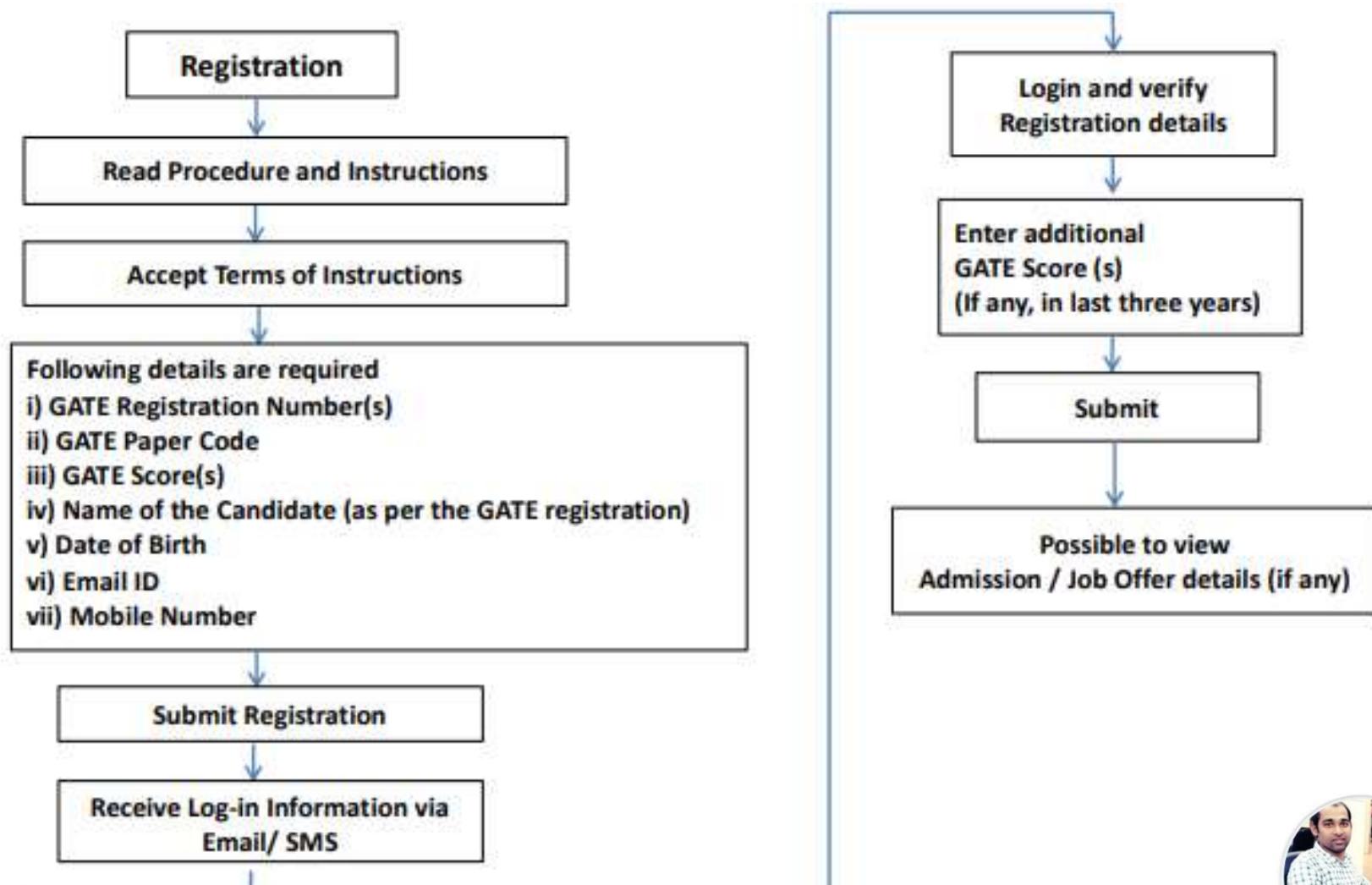
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How to Register for COAP – 2021 ?

- Visit the website coap.iitd.ac.in
- Read the information Brochure [click here](#)
- Click on the Registration Link and fill all the details like
 - i) Name
 - ii) GATE Registration number(s)
 - iii) Valid GATE score(s),
 - iv) Date of birth,
 - v) Email ID
 - vi) Mobile number

The application process to COAP 2021 is complete only after clicking the "SUBMIT" button at the first time login to the candidates login account.

Flow Chart for COAP 2021 Registration and Log-in

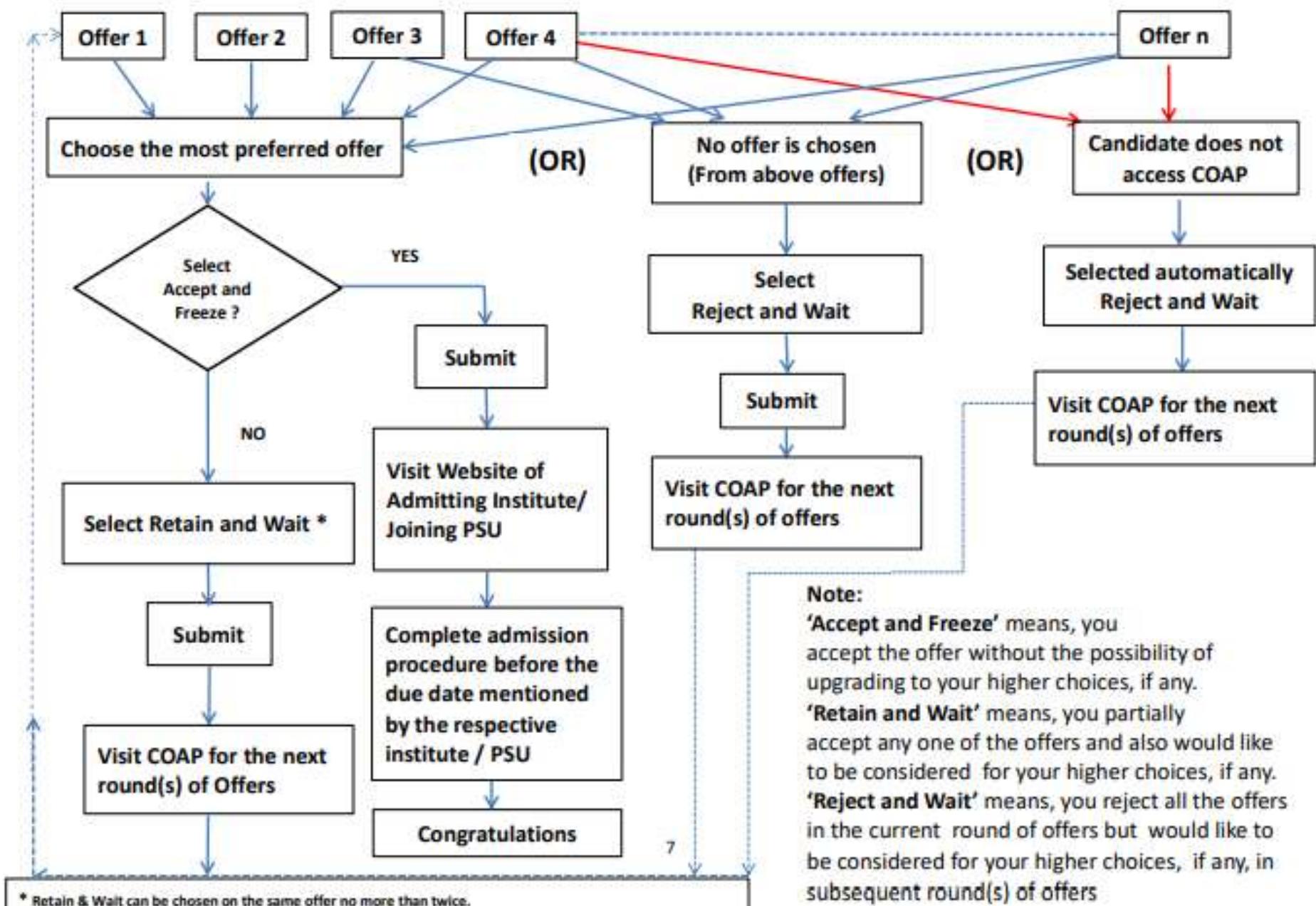


Note : Email will contain Website URL, Login details
SMS will contain Password details



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Action Flow Chart for all Rounds of Offers



Important Dates for COAP-2021

Table 1: Tentative Schedule of Main Rounds of offers

Round No	Time window for viewing of offers and decision making by the candidates	Available Options		
		Accept & Freeze	Retain & Wait	Reject & Wait
Round 1	May 13 - 14, 2021	Yes	Yes	Yes
Round 2	May 20 - 21, 2021	Yes	Yes	Yes
Round 3	May 27 – 28, 2021	Yes	Yes/ No*	Yes
Round 4	June 03 – 04, 2021	Yes	Yes/ No*	Yes
Round 5	June 10 – 11, 2021	Yes	No	Yes

* No, if you have already used Retain & Wait on the same offer twice. Same offer refers to the program "XYZ" of a particular Institute "ABC".



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Important Dates for COAP-2021

Table 2: Tentative Schedule of online additional rounds

Round No	Time window for viewing of offers and decision making by the candidates	Available Options		
		Accept & Freeze	Retain & Wait	Reject
Round – A	June 17 - 18, 2021	Yes	No	Yes
Round – B	June 24 - 25, 2021	Yes	No	Yes
Round – C	July 01 - 02, 2021	Yes	No	Yes
Round - D	July 08 – 09, 2021	Yes	No	Yes*

* Candidates may have to follow spot rounds either online or offline and it could be specific to the institutes. Depending on the vacancy status and admission date, there could be a few more extra rounds from the participating institutes.



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Participating Institutes:



IISc Bangalore



IIT Bhilai



IIT Bhubaneswar



IIT BHU



IIT Bombay



IIT Delhi



IIT Goa



IIT Guwahati



IIT Hyderabad



IIT Indore



IIT ISM Dhanbad



IIT Jammu



IIT Jodhpur



IIT Kanpur



IIT Kharagpur



IIT Madras



IIT Mandi



IIT Palakkad



IIT Patna



IIT Roorkee



IIT Ropar



IIT Tirupati

What Should be the preferences and why?

- Preference should be followed by
 - Nirf Ranking [click here](#)
 - % Placement
 - Median Salary offered
 - Research opportunity



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IIT BOMBAY

Preference Number- 01

- ❖ NIRF Ranking : 1
- ❖ Placement PG- 2 Years : 93%
- ❖ Median Salary : 2076000
- ❖ Last Date to Apply : 10th April 2021
- ❖ To Apply : <https://www.iitb.ac.in/newacadhome/mtech.jsp>

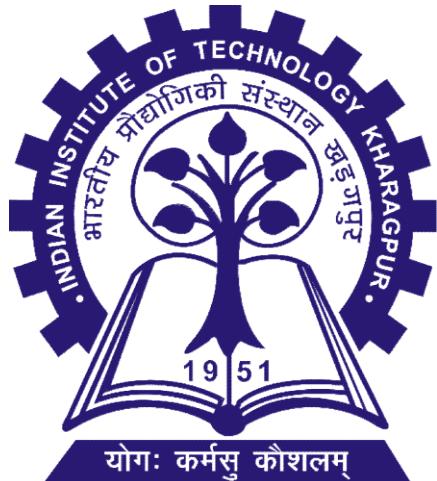


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IISC Bengaluru Preference Number- 02

- ❖ NIRF Ranking : 1
- ❖ Placement PG- 2 Years : 87%
- ❖ Median Salary : 1822000
- ❖ Last Date to Apply : 31st March 2021
- ❖ To Apply : <https://admissions-august.iisc.ac.in/Web/Login.aspx>



IIT Kharagpur

Preference Number- 03

- ❖ NIRF Ranking : 5
- ❖ Placement PG- 3 Years : 78%
- ❖ Median Salary : 1500000
- ❖ Last Date to Apply : Available soon...
- ❖ To Apply : [Indian Institute of Technology Kharagpur \(iitkgp.ac.in\)](http://iitkgp.ac.in)



भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

IIT Hyderabad Preference Number- 04

- ❖ NIRF Ranking : 8
- ❖ Placement PG- 3 Years : 77%
- ❖ Median Salary : 1360000
- ❖ Last Date to Apply :
- ❖ To Apply : <https://www.iith.ac.in/academics/post-graduate/>



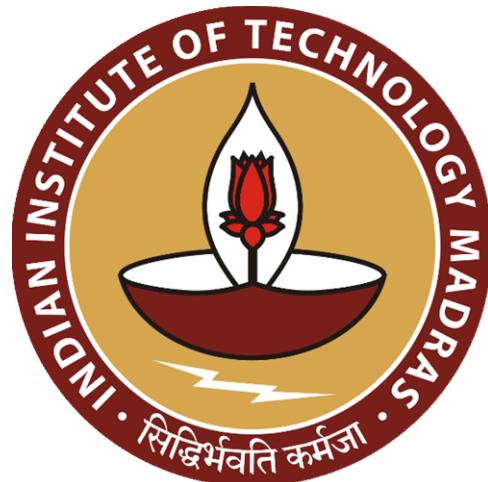
IIT Kanpur

Preference Number- 05

- ❖ NIRF Ranking : 4
- ❖ Placement PG- 2 Years : 69%
- ❖ Median Salary : 1250000
- ❖ Last Date to Apply :
- ❖ To Apply : <http://www.iitk.ac.in/>



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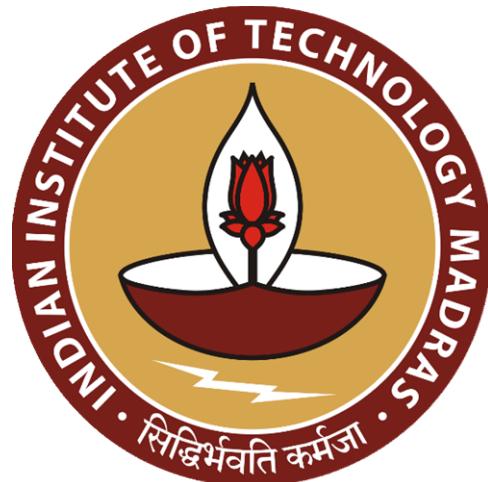
IIT Madras

Preference Number- 06

- ❖ NIRF Ranking : 1
- ❖ Placement PG- 2 Years : 83%
- ❖ Median Salary : 1100000
- ❖ Last Date to Apply :
- ❖ To Apply : <https://www.iitm.ac.in/academics/study-at-iitm/postgraduate-programmes>



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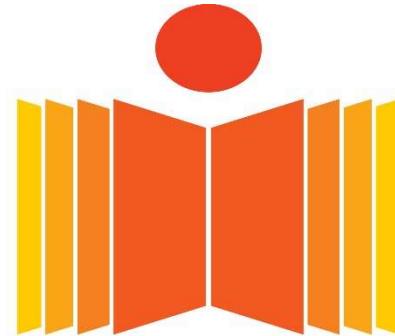
IIT Madras

Preference Number- 07

- ❖ NIRF Ranking : 1
- ❖ Placement PG- 3 Years : 62%
- ❖ Median Salary : 1100000
- ❖ Last Date to Apply :
- ❖ To Apply : <https://www.iitm.ac.in/academics/study-at-iitm/postgraduate-programmes>



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Indian Institute of Technology Hyderabad

IIT Hyderabad Preference Number- 08

- ❖ NIRF Ranking : 8
- ❖ Placement PG- 2 Years : 62%
- ❖ Median Salary : 1075000
- ❖ Last Date to Apply :
- ❖ To Apply : <https://www.iith.ac.in/academics/post-graduate/>



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IIT BHU

Preference Number- 09

- ❖ NIRF Ranking : 11
- ❖ Placement PG- 2 Years : 77%
- ❖ Median Salary : 809000
- ❖ Last Date to Apply :
- ❖ To Apply :

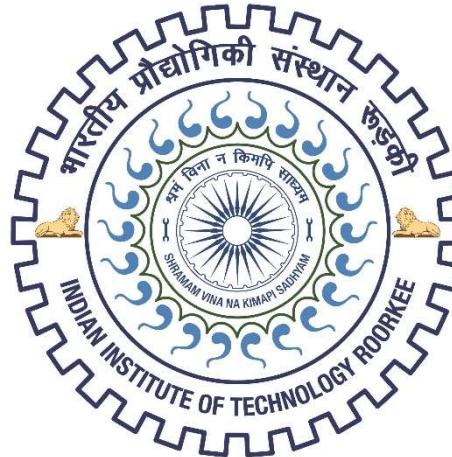
<https://www.iitbhu.ac.in/deans/doaa/academic/admissions/pg>



IIT Kharagpur

Preference Number- 10

- ❖ NIRF Ranking : 5
- ❖ Placement PG- 2 Years : 42%
- ❖ Median Salary : 1674000
- ❖ Last Date to Apply : Available soon...
- ❖ To Apply : [Indian Institute of Technology Kharagpur \(iitkgp.ac.in\)](http://iitkgp.ac.in)



IIT Roorkee

Preference Number- 11

- ❖ NIRF Ranking : 6
- ❖ Placement PG- 2 Years : 30%
- ❖ Median Salary : 1891000
- ❖ Last Date to Apply :
- ❖ To Apply :
<https://www.iitr.ac.in/admissions/pages/Postgraduate.html>



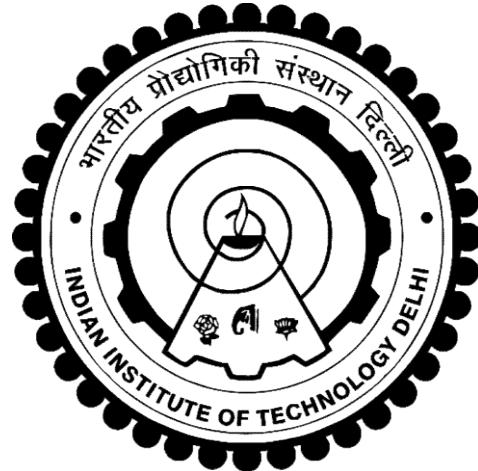
IIT ISM DHANBAD

Preference Number- 12

- ❖ NIRF Ranking : 12
- ❖ Placement PG- 3 Years : 25%
- ❖ Median Salary : 1700000
- ❖ Last Date to Apply : Application started
- ❖ To Apply : <https://www.iitism.ac.in/gatejam/>



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IIT Delhi

Preference Number- 13

- ❖ NIRF Ranking : 2
- ❖ Placement PG- 2 Years : 38%
- ❖ Median Salary : 1000000
- ❖ Last Date to Apply : Application started
- ❖ To Apply : <https://ecampus.iitd.ac.in/PGADM/login>



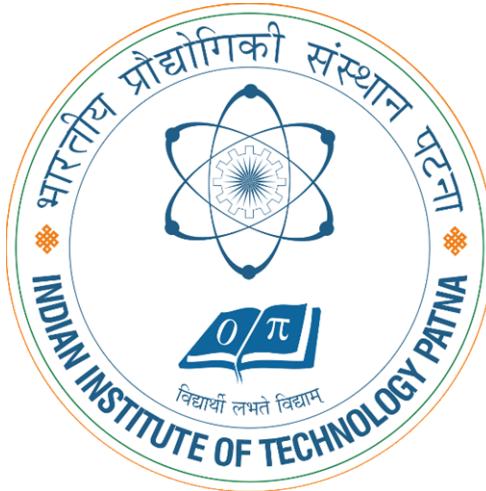
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IIT Mandi

Preference Number- 14

- ❖ NIRF Ranking : 31
- ❖ Placement PG- 3 Years : 20%
- ❖ Median Salary : 1150000
- ❖ Last Date to Apply :
- ❖ To Apply :
https://www.iitmandi.ac.in/academics/mtech_msc_admissions.php



IIT Patna

Preference Number- 15

- ❖ NIRF Ranking : 26
- ❖ Placement PG- 2 Years : 37%
- ❖ Median Salary : 1000000
- ❖ Last Date to Apply :
- ❖ To Apply : <https://www.iitp.ac.in/index.php/en-us/admission/postgraduate/admission-notice>



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IIT Ropar

Preference Number- 16

- ❖ NIRF Ranking : 25
- ❖ Placement PG- 3 Years : 33%
- ❖ Median Salary : 1000000
- ❖ Last Date to Apply : 16th April 2021
- ❖ To Apply : <https://www.iitrpr.ac.in/mtech-admissions-2020-2021>



IIT Bhubaneshwar Preference Number- 17

- ❖ NIRF Ranking : 22
- ❖ Placement PG- 2 Years : 65%
- ❖ Median Salary : 650000
- ❖ Last Date to Apply :
- ❖ To Apply : <http://webapps.iitbbs.ac.in/mtech-application/index.php>



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IIT Guwahati

Preference Number- 18

- ❖ NIRF Ranking : 7
- ❖ Placement PG- 2 Years : 36%
- ❖ Median Salary : 900000
- ❖ Last Date to Apply :
- ❖ To Apply : <https://www.iitg.ac.in/>



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IIT Mandi

Preference Number- 19

- ❖ NIRF Ranking : 31
- ❖ Placement PG- 2 Years : 34%
- ❖ Median Salary : 800000
- ❖ Last Date to Apply :
- ❖ To Apply :
https://www.iitmandi.ac.in/academics/mtech_msc_admissions.php



IIT ISM DHANBAD

Preference Number- 20

- ❖ NIRF Ranking : 12
- ❖ Placement PG- 3 Years : 48%
- ❖ Median Salary : 625000
- ❖ Last Date to Apply : Application started
- ❖ To Apply : <https://www.iitism.ac.in/gatejam/>



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IIT INDORE

Preference Number- 21

- ❖ NIRF Ranking : 10
- ❖ Placement PG- 2 Years : 18%
- ❖ Median Salary : 725000
- ❖ Last Date to Apply : Application started
- ❖ To Apply : <https://academic.iiti.ac.in/admission.php>



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IIT Ropar

Preference Number- 22

- ❖ NIRF Ranking : 25
- ❖ Placement PG- 2 Years : 19%
- ❖ Median Salary : 600000
- ❖ Last Date to Apply : 16th April 2021
- ❖ To Apply : <https://www.iitrpr.ac.in/mtech-admissions-2020-2021>



IIT Jodhpur

Preference Number- 23

- ❖ NIRF Ranking : 53
- ❖ Placement PG- 2 Years : 19%
- ❖ Median Salary : 625000
- ❖ Last Date to Apply : 16th April 2021
- ❖ To Apply : <https://www.iitrpr.ac.in/mtech-admissions-2020-2021>



विद्याधनं सर्वधनं प्रधानम्

भारतीय प्रौद्योगिकी
संस्थान जम्मू
**INDIAN INSTITUTE OF
TECHNOLOGY JAMMU**

IIT Jammu Preference Number- 24

- ❖ NIRF Ranking : NA
- ❖ Placement PG- 2 Years : NA
- ❖ Median Salary : NA
- ❖ Last Date to Apply :
- ❖ To Apply : <https://www.iitjammu.ac.in/pg-admissions>



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IIT Bhilai

Preference Number- 25

- ❖ NIRF Ranking : NA
- ❖ Placement PG- 2 Years : NA
- ❖ Median Salary : NA
- ❖ Last Date to Apply :
- ❖ To Apply :
https://www.iitbhilai.ac.in/index.php?pid=adm_mtech_new



IIT GOA

Preference Number- 26

- ❖ NIRF Ranking : NA
- ❖ Placement PG- 2 Years : NA
- ❖ Median Salary : NA
- ❖ Last Date to Apply :
- ❖ To Apply : <https://www.iitgoa.ac.in/mtech2021/>



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INDIAN INSTITUTE
OF TECHNOLOGY
PALAKKAD

IIT Palakkad Preference Number- 27

- ❖ NIRF Ranking : NA
- ❖ Placement PG- 2 Years : NA
- ❖ Median Salary : NA
- ❖ Last Date to Apply :
- ❖ To Apply : <https://pgadmit.iitpkd.ac.in/>



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IITs Not through COAP:

- **IIT Gandhinagar:**

To apply: <https://iitgn.ac.in/admissions/apply>

- **IIT Dharwad:**

To apply: https://iitdh.ac.in/academics_ms.php



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GATE Prediction:

- **Predict college and Psus as per your gate score**

[Click here](#)



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GATE Rank Predictor

GATE Rank Predictor 2021 is a free online tool developed by I.C.E. GATE institute to help you predict rank you may have in Gate Exam 2021. The tool uses predicted cutoffs of various colleges and streams to provide a list of colleges that your GATE score is best eligible for.

How to use the tool:

- Fill your credentials – Name, Email Mobile Number and Branch
- Enter your stream
- Choose your reservation category – General / O.B.C. / S.C. / S.T.
- Put in your GATE marks out of 100
- Click Submit

Enter marks in nearest integer

GATE Rank Predictor

Name *

Phone *

Email *

Branch *

Category *

Score *

SUBMIT

List of Colleges as per your score

Predicted Institutes

Probable Match: These are the choices which exactly match your score and there is very high probability that you will get a call from them.

Institute	Branch	Program
IIT Madras	Mechanical Engineering	Environmental Engineering
IIT BHU	Mechanical Engineering	Mechanical Engineering
IIT Kharagpur	Mechanical Engineering	Aerospace Engineering
IIT Kharagpur	Mechanical Engineering	Reliability Engineering
NIT Warangal	Mechanical Engineering	Machine Design
IIT Madras	Mechanical Engineering	Manufacturing Engineering
IIT Hyderabad	Mechanical Engineering	Mechanics and Design
IIT Madras	Mechanical Engineering	Thermal Engineering
NIT Tiruchirappalli	Mechanical Engineering	Thermal Engineering



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Safe Match: These Choices had cut off less than your score and these are sure shot calls you can expect.

Institute	Branch	Program
IIT Kharagpur	Mechanical Engineering	Cryogenic Engineering
IIT Kharagpur	Mechanical Engineering	Infrastructure Design and Management
IIT Kanpur	Mechanical Engineering	Mechanical Engineering
IIT Ropar	Mechanical Engineering	Mechanical Engineering
IIT Hyderabad	Mechanical Engineering	Thermofluid Engineering
IIT Roorkee	Mechanical Engineering	Computer Aided Design and Manufacturing
IIT Kharagpur	Mechanical Engineering	Farm Machinery and Power
NIT Tiruchirappalli	Mechanical Engineering	Manufacturing
IIT BHU	Mechanical Engineering	Material Science and Technology
IIT Bombay	Mechanical Engineering	Materials, Manufacturing and Modelling
IIT Bombay	Mechanical Engineering	Materials- Manufacturing and Modelling



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Optimistic Match: These are the choices which were slight higher than your score. This year if the cut off go down or they increase the cut off you might get a call. But probability is really low for these colleges.

Institute	Branch	Program
IIT Roorkee	Mechanical Engineering	Thermal System Engineering
IIT Madras	Mechanical Engineering	Industrial Mathematics and Scientific Computing
IIT Delhi	Mechanical Engineering	Transportation Engineering
IISc Bangalore	Mechanical Engineering	Materials Engineering
IIT Kharagpur	Mechanical Engineering	Mechanical Systems Design
IIT Kharagpur	Mechanical Engineering	Railway Engineering
IIT Madras	Mechanical Engineering	Design Engineering
IIT Roorkee	Mechanical Engineering	Hydrology (Surface Water)
IIT Kharagpur	Mechanical Engineering	Energy Science and Engineering
IIT Kharagpur	Mechanical Engineering	Thermal Science and Engineering



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CENTRALIZED COUNSELLING FOR M.TECH./M.ARCH./M.PLAN. ADMISSIONS

CCMT - 2021

Not started till 25th March 2021



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S.No.	Institute
1	Dr. B R Ambedkar National Institute of Technology, Jalandhar-(201)
2	Malaviya National Institute of Technology Jaipur-(202)
3	Maulana Azad National Institute of Technology Bhopal-(203)
4	Motilal Nehru National Institute of Technology Allahabad-(204)
5	National Institute of Technology Agartala-(205)
6	National Institute of Technology Calicut-(206)
7	National Institute of Technology Delhi-(207)
8	National Institute of Technology Durgapur-(208)
9	National Institute of Technology Goa-(209)
10	National Institute of Technology Hamirpur-(210)
11	National Institute of Technology Karnataka, Surathkal-(211)
12	National Institute of Technology Meghalaya-(212)
13	National Institute of Technology Nagaland-(213)
14	National Institute of Technology Patna-(214)
15	National Institute of Technology Puducherry-(215)
16	National Institute of Technology Raipur-(216)
17	National Institute of Technology Sikkim-(217)
18	National Institute of Technology Arunachal Pradesh -(218)
19	National Institute of Technology, Jamshedpur-(219)
20	National Institute of Technology, Kurukshetra-(220)
21	National Institute of Technology, Manipur-(221)
22	National Institute of Technology, Rourkela-(222)
23	National Institute of Technology, Silchar-(223)
24	National Institute of Technology, Srinagar-(224)
25	National Institute of Technology, Tiruchirappalli-(225)
26	National Institute of Technology, Warangal-(226)
27	Sardar Vallabhbhai National Institute of Technology, Surat-(227)
28	Visvesvaraya National Institute of Technology, Nagpur-(228)
29	National Institute of Technology Uttarakhand-(229)
30	National Institute of Technology Mizoram-(230)
31	National Institute of Technology, Andhra Pradesh-(231)
32	Atal Bihari Vajpayee Indian Institute of Information Technology & Management Gwalior-(301)
33	Indian Institute of Information Technology, Allahabad-(302)
34	Indian Institute of Information Technology, Design & Manufacturing Kancheepuram, Chennai-(303)
35	Pt. Dwarka Prasad Mishra Indian Institute of Information Technology, Design & Manufacture Jabalpur-(304)
36	Indian Institute of Information Technology Vadodara-(308)
37	International Institute of Information Technology, Bhubaneswar-(309)
38	Indian Institute of Information Technology, Lucknow-(310)
39	Indian Institute of Information Technology, Pune-(311)
40	Indian Institute of Information Technology, Design and Manufacturing, Kurnool-(317)
41	National Institute of Foundry & Forge Technology, Hatia, Ranchi-(402)
42	Sant Longowal Institute of Engineering and Technology-(403)
43	School of Planning & Architecture: Vijayawada-(404)
44	Indian Institute of Engineering Science and Technology, Shibpur, District Howrah-(405)
45	Central University of Rajasthan-(406)
46	Punjab Engineering College, Chandigarh-(407)
47	National Institute of Electronics and Information Technology, Aurangabad -(408)
48	School of Planning and Architecture, Bhopal-(413)
49	Shri Mata Vaishno Devi University, Katra-(416)
50	Central Institute of Technology, Kokrajhar-(418)
51	University of Hyderabad-(421)
52	National Institute of Technical Teachers Training and Research, Chandigarh-(422)

PSU – Public Sector Undertakings

Recruitment Process of Psus for the Year 2021-22 starts in
Mar – 2021 to Mar – 2022

Be tuned and regularly visit respective Psus websites



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LIST OF PSUs Through GATE/Interview and/or Exams

Power Grid	KIOCL Limited	BARC: OCES, DGFS	HPCL
ODISHA POWER TRANSMISSION CORPORATION LIMITED	AAI	ECIL	BMRC
HPGCL	NTPC Limited	OMPL	Bihar PHED
GAIL	NHAI	SAIL	DST Bihar
DRDO	IOCL	PSPCL	BSNL
NPCIL	NALCO	MNRE	MDL
NDMC	BIS	CVPPPL	Vizag Steel
NHPC Limited	HURL	POSOCO	MGL
CEL	BSPHCL	WBSEDCL	RITES
Centre For Railway Information Systems	MPPGCL	ONGC Ltd.	Coal India Ltd
Haryana Power Utilities	THDC	Tata Power	BNPM
MRPL	BPCL	Cabinet Secretariat, Govt. of India	EdCIL India
DDA	NLC India Ltd	Midhani	KRCL
NBCC	BHEL	DMRC	OPGC Ltd
RVNL	ECIL	IRCON	IPRCL
MECL	HAL	BSPCL	NSPCL
RCFL	BEML	IPR	NTC
NFL	OIL India	PSTCL	GSECL
EIL	BBNL	KRIBHCO	Mumbai Railway Vikas Corporation Ltd (MRVC Ltd)

Name of Institution	Nirf Ranking	% Placement	Median Salary offered	Preference
Indian Institute of Technology Bombay	3	93	2076000	1
Indian Institute of Science, Bengaluru	1	87	1822000	2
International Institute of Information Technology Hyderabad	39	97	1625000	3
Indian Institute of Information Technology Allahabad	82	83	1600000	4
National Institute of Industrial Engineering(NITIE), Mumbai	66	80	1505000	5
International Institute of Information Technology, Bangalore	65	99	1300000	6
Indian Institute of Technology Kharagpur - 3 year Program	5	78	1500000	7
Indian Institute of Technology Hyderabad - 3 year Program	8	77	1360000	8
Indraprastha Institute of Information Technology, New Delhi	55	77	1250000	9
Indian Institute of Technology Madras - 2 year Program	1	83	1100000	10
Birla Institute of Technology & Science, Pilani	25	78	1156062	11
Indian Institute of Technology Kanpur	4	69	1250000	12
Indian Institute of Technology Madras - 3 year Program	1	62	1100000	13
Indian Institute of Technology Hyderabad - 2 year Program	8	62	1075000	14
National Institute of Technology Tiruchirappalli	10	88	600000	15
Delhi Technological University, New Delhi	34	74	1000000	16
Indian Institute of Technology Gandhinagar	24	65	600000	17
Indian Institute of Technology Kharagpur - 2 year Program	5	42	1674733	18
International Institute of Information Technology, Bhubaneswar	NA	60	600000	19
Indian Institute of Technology Roorkee	6	30	1891800	20
Indian Institute of Technology - ISM - Dhanbad - 2 year Program	12	48	625000	21
Indian Institute of Technology - ISM - Dhanbad - 3 year Program	12	25	1700000	22
Kalinga Institute of Industrial Technology, Bhubaneswar	48	71	800000	23
Indian Institute of Technology - BHU	11	77	809000	24
National Institute of Technology Calicut	28	76	780000	25

National Institute of Technology, Surathkal - 2 year Program	21	70	700000	26
National Institute of Technology, Surathkal - 3 year Program	21	70	700000	27
Indian Institute of Technology Delhi	2	38	1000000	28
Indian Institute of Technology Bhubaneswar	22	64	650000	29
National Institute of Technology Warangal	26	55	744917	30
National Institute of Food Technology, Enterpreneurship & Management ,Sonipat	118	88	502000	31
Defence Institute of Advanced Technology, Pune	57	49	850000	32
SVKM's Narsee Monjee Institute of Management Studies ,Mumbai	110	44	770000	33
Indian Institute of Technology Guwahati	7	36	900000	34
Indian Institute of Technology Patna	26	37	1000000	35
Indian Institute of Technology Jammu	NA	NA	NA	36
Indian Institute of Technology Mandi - 2 year Program	31	34	800000	37
School of Planning and Architecture Vijayawada	9	93	576000	38
Indian Institute of Technology Ropar - 3 year Program	25	33	1000000	39
Indian Institute of Technology (IIT) Bhilai	NA	NA	NA	40
New Horizon College of Engineering ,Bengaluru	106	96	611356	41
National Institute of Technology Srinagar	NA	45	631000	42
Dayananda Sagar College of Engineering ,Bengaluru	127	91	600000	43
Indian Institute of Space Science and Technology, Kerala	30	29	800000	44
Jamia Millia Islamia	27	79	612500	45
Indian Institute of Technology Goa	NA	NA	NA	46
Sri Jayachamarajendra College of Engineering ,Mysore	120	72	675000	47
Motilal Nehru National Institute of Technology, Allahabad	42	42	600000	48
College of Engineering, Pune	49	59	700000	49
Indian Institute of Technology Mandi - 3 year Program	31	20	1150000	50
Indian Institute of Technology Palakkad	NA	NA	NA	51
National Institute of Technology Rourkela	16	48	500000	52
Indian Institute of Technology Indore	10	18	725000	53
Indian Institute of Technology Tirupati	NA	NA	NA	54
National Institute of Technology, Goa	87	49	480000	55
Indian Institute of Technology Ropar - 2 year Program	25	19	600000	56
Indian Institute of Technology Jodhpur	53	19	625000	57

National Institute of Technology, Nagpur	31	39	540000	58
Sardar Vallabhbhai National Institute of Technology, Surat	58	39	534000	59
National Institute of Technology Kurukshetra	41	37	500000	60
Institute of Aeronautical Engineering ,Hyderabad	139	70	500000	61
Dr. B. R. Ambedkar National Institute of Technology ,Jalandhar	113	34	511000	62
National Institute of Technology Durgapur - 3 year Program	46	30	600000	63
Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar	92	81	550000	64
B. M. S. College of Engineering, Bengaluru	69	90	550000	65
Nirma University ,Ahmedabad	136	54	600000	66
Sathyabama Institute of Science and Technology, Chennai	47	87	515000	67
Bharati Vidyapeeth Deemed University College of Engineering, Pune	93	78	510000	68
Chandigarh University ,Mohali	117	82	506000	69
Saveetha Engineering College ,Sriperumbudur	124	79	500000	70
Indian Institute of Information Technology and Management, Gwalior	81	39	512000	71
Sri Venkateswara College of Engineering and Technology ,Chittoor	176	91	475000	72
The Northcap University ,Gurgaon	119	85	450000	73
Saveetha Institute of Medical and Technical Sciences ,Chennai	187	85	450000	74
Indian Institute of Information Technology, Design and Manufacturing (IIITDM) Jabalpur	75	35	725000	75
Veer Surendra Sai University of Technology ,Burla	126	54	580000	76
R. V. College of Engineering, Bengaluru	63	60	500000	77
Jawaharlal Nehru Technological University, Hyderabad	45	44	660000	78
Veermata Jijabai Technological Institute ,Mumbai	105	33	670000	79
National Institute of Technology Delhi	NA	10	690000	80
Indian Institute of Information Technology Vadodara	NA	40	600000	81
Thapar Institute of Engineering and Technology (Deemed-to-be-university)	23	33	600000	82
PES University ,Bengaluru	149	60	550000	83
Institute of Chemical Technology	12	56	530000	84
University College of Engineering, Hyderabad	83	29	590000	85

Indian Institute of Engineering Science and Technology, Shibpur, West Bengal	19	20	625000	86
National Institute of Technology Sikkim	NA	20	600000	87
Maulana Azad National Institute of Technology, Bhopal	62	10	650000	88
Malviya National Institute of Technology, Jaipur	53	18	600000	89
National Institute of Technology Durgapur - 3 year Program	46	12	600000	90
National Institute of Technology Durgapur - 2 year Program	46	12	600000	91
National Institute of Technology, Raipur	74	8	600000	92
Vellore Institute of Technology, Vellore	18	37	520000	93
P E S College of Engineering ,Mandyā	161	33	530000	94
National Institute of Technology Silchar	51	5	519000	95
PEC University of Technology, Chandigarh	78	50	490000	96
National Institute of Technology, Uttarakhand	NA	5	500000	97
Shri Mata Vaishno Devi University, Katra	85	13	478000	98
G. H. Raisoni College of Engineering ,Nagpur	111	100	420000	99
Sri Krishna College of Engineering and Technology, Coimbatore	97	100	400000	100
Vignan's Foundation for Science, Technology and Research ,Guntur	107	94	420000	101
Anurag Group of Institutions ,Hyderabad	169	87	425000	102
Easwari Engineering College ,Chennai	200	77	418000	103
NITTE Meenakshi Institute of Technology ,Bengaluru	142	73	450000	104
Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai	86	71	450000	105
Sri Sivasubramaniya Nadar College of Engineering	37	67	414000	106
M. S. Ramaiah Institute of Technology, Bengaluru	64	65	450000	107
M. G. R. Educational and Research Institute ,Chennai	196	60	410000	108
Indian Institute of Information Technology, Design & Manufacturing ,Chennai	197	59	440000	109
Pondicherry Engineering College, Puducherry - 3 year Program	76	56	375000	110
Pondicherry Engineering College, Puducherry - 3 year Program	76	56	375000	111
Jain university ,Bengluru	115	52	425000	112
National Institute of Technology Jamshedpur ,Jamshedpur	130	8	450000	112
National Institute of Technology, Arunachal Pradesh	NA	30	380000	113

Indian Institute of Information Technology, Pune	NA	30	240000	114
University of Hyderabad, Hyderabad	4	26	455000	115
National Institute of Technology Agartala	70	16	420000	116
National Institute of Technology, Hamirpur	60	14	465000	117
National Institute of Technology Patna ,Patna	134	12	360000	118
National Institute of Technology Meghalaya	67	10	325000	119
National Institute of Technology Manipur ,Manipur	148	3	450000	121
Pondicherry Engineering College, Puducherry - 2 year Program	76	2	340000	122
Pondicherry Engineering College, Puducherry - 2 year Program	76	2	340000	123
Sant Longowal Institute of Engineering & Technology ,Longowal	133	1	350000	124
National Institute of Technology Mizoram	NA	0	0	125
National Institute of Technology Nagaland	NA	0	0	126

IIT Guwahati

MS Energy Science

-----Interview Questions and Discussion-----

- Q.1 Brief Introduction
- Q.2 Final year project and internship
- Q.3 Area of interest
- Q.4 What is renewable energy?
 - (a) What is temperature of sun?
 - (a) What is wavelength of solar radiation?
 - (b) What device is used to measure the radiation from earth?
 - (c) How it works?
 - (d) What is Solar Collector?
 - (e) Give any two examples of work absorbing device
 - (f) What is the unit of pressure in terms of Energy?
 - (l) Can we convert Heat to Electrical energy directly?
- Q.5 What is mean piston speed?
- Q.6 How can we increase efficiency of Carnot cycle?
- Q.7 Consider two cases (1) Water as a medium (2) Air as a medium
 - In which one of these case Carnot cycle will have more efficiency?
- Q.8 What is Brayton cycle?
 - (a) Explain any two of its applications.
 - (b) What is Reverse Brayton cycle?
 - (c) What is Joule Thomson Effect?
 - (d) What is inversion Point?

- (e) What do mean by diesel Cycle?
 - (f) What is the use of Flywheel? Explain it in details.
 - (g) How we can increase the energy storage in flywheel?
- Q.9 What is effectiveness?
- Q.10 What is NTU?
- (a) Why we use it?
 - (b) What is effectiveness and NTU of heat exchanger?
- Q.11 What is Prandtl number?
- Q.12 What is mechanical equilibrium?
- Q.13 Give examples of external combustion engine
- Q.14 What is Back – work ratio?
- Q.15 If you want to measure body temperature, how you do this?
- Q.16 What is Rankine cycle? Explain the complete process.
- Q.17 Explain Entropy
- Q.18 What is Fourier Number?
- Q.19 What is meant by one ton of refrigeration?
- Q.20 What is Schmidt number?
- Q.21 Write Clausius–Clapeyron equation. Explain its applications
- Q.22 Write and explain Bernoulli's equation
- Q.23 What is Boundary layer?
- (a) What is region outside boundary layer called?
 - (b) Explain Shear stress variation in boundary layer and outside it.
- Q.24 What is exergy?
- Q.25 If C value of nitrogen and oxygen in known how you will find the C value of air?
- Q.26 What is brake specific fuel consumption and its units?
- Q.27 Write Euler equation of Pump

- Q.28 What is Rotodynamic machine?
- Q.29 What is specific Heat and Specific Power?
- Q.30 What is Nusselt number?
- (a) What is the Colburn analogy? Relate it with the Nusselt number.
 - (b) What is Biot number?
 - (c) What is difference between Nusselt number and Biot number?
- Q.31 How to calculate final temperature of mixing fluid?
- Q.32 What is semi-infinite body?
- Q.33 Explain laws of thermodynamics and the property defined by laws.
- Q.34 Explain different types of Heat exchanger. Which is most efficient and why?
- Q.35 In a fully developed flow; why h is constant?
- Q.36 Difference between Steam and Gas turbine. Which one is more efficient and why?
- Q.37 Explain Newton's law of cooling
- (a) In Newton's law of cooling if air is medium and it is given some velocity then does the coefficient of proportionality changes?
- Q.38 What is Critical radius of insulation for slab?
- (a) Draw temp variation in slab
 - (b) Critical thickness
- Q.39 What is relative humidity?
- Q.40 What is Degree of saturation?
- Q.41 What is critical point?
- Q.42 What is rate of change of angular momentum?
- Q.43 What is rate of change of linear momentum?
- Q.44 What is throttling?
- Q.45 Derivative and its applications, Basic Integration
- Q.46 What is interpolation? Explain any one interpolation method
- Q.47 Eigen value Problem

IIT, Bombay

Computer Engineering

-----Interview Questions and Discussion-----

- Q.1 Brief Introduction
- Q.2 Final year project and internship
- Q.3 Area of interest
Answered: Computer Networks
- Q.4 What is the difference between switch and router?
- Q.5 What is the difference between IPv4 and IPv6?
- Q.6 What is frequency band of WiFi?
- Q.7 What is routing algorithm? Classify it.
- Q.8 What is Google OAuth?
- Q.9 What is security in IPv4 and IPv6, VLAN?
- Q.10 Interviewer: Which operating system do you use?
Answered: Sir, I use Ubuntu as a dual boot.
Interviewer: Which is the other operating system?
Answered: Windows 10
Interviewer: Which OS did you install first?
Answered: Windows 10
Interviewer: Why?
Answered: Sir, because I wasn't aware of Linux in my first year
Interviewer: What will happen if I install Linux first and then Windows 10?
Answered: Sir, I think we have to reconfigure the bootloader
- Q.11 What is Scripting language? Do you know Perl Scripting, Bash scripting, Python scripting
- Q.12 What is your area of interest?
Answered: block chain and compilers
- Q.13 Are you interested in security?
Answered: Yes
- Q.14 You can ask any questions from us.

IIT, Bombay

Mechanical Engineering and its interdisciplinary

-----Interview Questions-----

- Q.1 Brief Introduction
- Q.2 Final year project and internship
- Q.3 Area of interest
Answered: Turbulence Modelling and its application
- Q.4 What is Turbulence and how it is different from Laminar flow?
 - (a) Why Turbulence Modelling is competitive in nature? Can u explain what are time and length scales associated with it?
 - (b) What are the approaches for solving turbulence problem and how they are different? Which one gives best results?
 - (c) What do you mean by closure problem in Turbulence?
- Q.5 In RANS(Reynolds-averaged Navier-Stokes equations), when you do averaging with space or time? Why?
- Q.6 Two different pipes, water flowing at 50 degree with same velocity. Outside air temperature is 25 degree. Diameter of pipes are 5 mm and 10 mm. (same length)
In which case water will leave with least temperature?
In that two cases
 - (a) assume Laminar flow in both
 - (b) assume turbulent flow in high diameter pipe and laminar in small pipe.
 - (c) How will you design shell and tube heat exchanger with oil flowing through this pipe and surrounded with water?
- Q.7 Have you went through professor's profile?

IISc, Bangalore

Mechanical Engineering and its interdisciplinary

-----Interview Questions-----

- Q.1 Brief introduction
- Q.2 About final year project and internship
- Q.3 Which subjects you have prepared?
- Q.4 Identify the systems (open, close, adiabatic, Non-adiabatic etc.)
- Q.5 First law of Thermodynamics for open and close system
- Q.6 Plot Adiabatic and Diabetic process on T-S chart. Find out whether it is possible or not.
- Q.7 Draw Brayton cycle T - S diagram.
 - (a) Explain the processes you have shown in diagram.
 - (b) If compressor process is not isentropic for any reason, what changes you will make in diagram?
- Q.8 What is second law efficiency for compressor?
 - (a) If I give you compressor ratio, can u write efficiency in terms of pressure ratio?
 - (b) I want to estimate temperature after compression when it is not isentropic. How will you estimate it?
- Q.9 Designer proposed a new car in market having nozzle at top of it. He told car will move in forward direction with velocity V. Is design feasible? Is this a correct proposal? If yes, prove it.
- Q.10 Detailed discussion on Flow over a 2-D cylinder
- Q.11 If I will give u velocity fieldCan u estimate the drag force? Write expression.
 - (a) What is entrance length?
 - (b) Draw velocity profile.
 - (c) What happens after entrance length over?
 - (d) Can you show Thermal boundary layer?
 - (e) Show temperature profile in entrance length and fully developed region. In which region, Heat transfer will be higher? What is the reason? Explain with equation.
- Q.12 Assume Solar collector tube, Fluid temperature raises due to solar radiation, Assume T_w - wall temperature and T_1 - inlet Fluid temperature, Explain with diagram.
- Q.13 Plotting Graphs of $y = x$, $y = x^2$, $y = x \sin x$
- Q.14 Evaluation of limit at $x = 0$ to the function $x \sin\left(\frac{1}{x}\right)$. How it will look near $x = 0$ show it graphically.
- Q.15 What is Homogeneous system of linear equations? How you decide system is having non-trivial solutions?

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